07057475 DOUBLE SPRING NEAR DORA, MO
(Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

LOCATION.--Lat 36°43'17", long 92°11'13", in NE 1/4 NW 1/4 sec.32, T.24 N., R.11 W., Ozark County, Hydrologic Unit 11010006. Take Highway 181 south through Dora, turn east on gravel road before Highway H. Travel to end of the road and turn right, follow to end.

PERIOD OF RECORD.--November 1993 to current year.

REMARKS.--Ambient water-quality monitoring network station since November 1993.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SPE-CIFIC CON-DUCT-ANCE (µS/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	COLI-FORM, FECAL, 0.7 µM-MF (COLS./ 100 ML) (31625)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS $CACO_3$) (00410)
NOV											
09...	1100	270	13.0	405	7.20	7.20	67	--	K1	275	204
JAN											
25...	1230	210	13.0	294	7.30	11.5	109	<10	52	285	134
MAR											
16...	0700	321	11.0	283	7.30	9.80	87	--	100	190	160
APR											
20...	0800	292	13.0	308	7.30	8.80	82	--	K570	325	148
JUN											
21...	0930	273	13.5	233	7.25	7.80	74	<10	M	130	146
JUL											
13...	0700	125	14.0	360	7.37	6.70	65	--	K74	36	186
AUG											
09...	0700	109	14.0	400	7.32	8.00	79	--	300	215	240

DATE	BICAR-BONATE WATER WH IT FIELD (MG/L AS HCO_3) (00450)	CAR-BONATE WATER WH IT FIELD (MG/L AS CO_3) (00447)	NITRO-GEN, NO_2+NO_3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD-NESS TOTAL (MG/L AS $CACO_3$) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV										
09...	249	0	0.89	<0.010	<0.010	<0.20	<0.020	0.010	--	--
JAN										
25...	164	0	1.50	<0.010	0.010	<0.20	0.030	0.020	140	30
MAR										
16...	197	0	1.30	<0.010	0.010	<0.20	0.040	0.030	--	--
APR										
20...	183	0	1.00	<0.010	0.010	<0.20	<0.020	0.020	--	--
JUN										
21...	188	0	1.00	<0.010	0.010	<0.20	<0.020	0.020	170	35
JUL										
13...	225	0	1.10	<0.010	0.010	<0.20	<0.020	0.020	--	--
AUG										
09...	292	0	1.20	<0.010	0.010	0.20	0.020	0.020	--	--

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SULFATE DIS-SOLVED (MG/L AS SO_4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	ALUM-INUM, TOTAL RECOV-ERABLE (µG/L AS AL) (01105)	ALUM-INUM, DIS-SOLVED (µG/L AS AL) (01106)
JAN										
25...	17	2.3	1.7	4.9	5.8	<0.10	164	<1	80	20
JUN										
21...	19	2.0	1.9	3.7	4.3	<0.10	160	14	110	30

DATE	CADMIUM TOTAL RECOV-ERABLE (µG/L AS CD) (01027)	CADMIUM DIS-SOLVED (µG/L AS CD) (01025)	COPPER, DIS-SOLVED (µG/L AS CU) (01040)	IRON, DIS-SOLVED (µG/L AS FE) (01046)	LEAD, TOTAL RECOV-ERABLE (µG/L AS PB) (01051)	LEAD, DIS-SOLVED (µG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (µG/L AS MN) (01056)	MERCURY TOTAL RECOV-ERABLE (µG/L AS HG) (71900)	ZINC, TOTAL RECOV-ERABLE (µG/L AS ZN) (01092)	ZINC, DIS-SOLVED (µG/L AS ZN) (01090)
JAN										
25...	<1	<1.0	<1	14	1	<1	<1	0.10	4	<4
JUN										
21...	<1	<1.0	<1	11	1	1	2	<0.10	5	4

K--Results based on colony count outside the acceptable range (non-ideal colony count).
M--Result compromised due to contaminated bacteria media.